

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20070248154 A1	20071025	22	SPLITTERLESS MULTICARRIER MODEM	375/222
2	US 20070121520 A1	20070531	10	System and method for automated double-ended field management of DSL service	370/252
3	US 20060233273 A1	20061019	11	MULTICARRIER TRANSMISSION SYSTEM WITH LOW POWER SLEEP MODE AND RAPID-ON CAPABILITY	375/260
4	US 20060098725 A1	20060511	38	DSL system estimation including known DSL line scanning and bad splice detection capability	375/222
5	US 20060095581 A1	20060504	16	Receiver-side selection of DSL communications mode	709/232
6	US 20060078060 A1	20060413	11	Multicarrier transmission system with low power sleep mode and rapid-on capability	375/260
7	US 20060072722 A1	20060406	11	System and method for optimizing digital subscriber line based services	379/93.05
8	US 20060062288 A1	20060323	21	Short loop ADSL power spectral density management	375/222
9	US 20050286649 A1	20051229	18	Using multiple pilot signals for timing error estimation in digital subscriber line communications	375/260
10	US 20050276341 A1	20051215	8	Method and apparatus for transmitting and/or receiving data	375/260
11	US 20050276340 A1	20051215	37	Method and system for determining symbol boundary timing in a multicarrier data transmission system	375/260
12	US 20050276339 A1	20051215	36	Training sequence for symbol boundary detection in a multicarrier data transmission system	375/260
13	US 20050185726 A1	20050825	11	Multicarrier transmission system with low power sleep mode and rapid-on capability	375/260

	Current XRef	Inventor
1	375/E1.00 1	Gross; Richard W. et al.
2	370/401	Shrikhande; Kapil et al.
3		Greszczuk; John A. et al.
4		Rhee; Wonjong et al.
5		Ali; Murtaza et al.
6		Greszczuk; John A. et al.
7		Savoor; Raghvendra G. et al.
8		Hester; Richard K.
9		Redfern, Arthur J.
10		Umashankar, Thyagarajan
11	375/242	Chow, Jacky S. et al.
12		Chow, Jacky S. et al.
13		Greszczuk, John A. et al.

	Document ID	Issue Date	Pages	Title	Current OR
14	US 20050123027 A1	20050609	23	DSL system estimation and parameter recommendation	375/222
15	US 20040160906 A1	20040819	11	Multicarrier transmission system with low power sleep mode and rapid-on capability	370/311
16	US 20040109546 A1	20040610	13	Method and system for transmitting spectrally bonded signals via telephone cables	379/93.01
17	US 20040105465 A1	20040603	22	Splitterless multicarrier modem	370/480
18	US 20040101130 A1	20040527	36	Single-ended loop test circuitry in a central office DSL modem	379/399.01
19	US 20040085987 A1	20040506	22	Splitterless multicarrier modem	370/430
20	US 20040081233 A1	20040429	12	Performance customization system and process for optimizing xDSL performance	375/222
21	US 20040076222 A1	20040422	24	Dynamic time metered delivery	375/141
22	US 20030198217 A1	20031023	14	Spectrally compatible mask for enhanced upstream data rates in DSL systems	370/352
23	US 20030026282 A1	20030206	22	Splitterless multicarrier modem	370/430
24	US 20020176544 A1	20021128	6	Method and apparatus for monitoring channel frequency response	379/22.08
25	US 20020150152 A1	20021017	10	Multicarrier transmission system with low power sleep mode and rapid-on capability	375/219
26	US 20010043568 A1	20011122	39	COMMUNICATION SERVER APPARATUS AND METHOD	370/254

	<b>Current XRef</b>	<b>Inventor</b>
14		Cioffi, John M. et al.
15	370/210	Greszczuk, John A. et al.
16	379/3	Fishman, Ilya M.
17		Gross, Richard W. et al.
18		Shi, Hao et al.
19	370/480	Gross, Richard W. et al.
20		Bremer, Gordon et al.
21	375/142	De Francesco, Richard et al.
22		Redfern, Arthur J.
23	370/252	Gross, Richard W. et al.
24	379/22; 379/22.02	Liu, Gin et al.
25		Greszczuk, John A. et al.
26	370/401	MCHALE, JOHN F. et al.

	Document ID	Issue Date	Pages	Title	Current OR
27	US 7236451 B2	20070626	23	Dynamic time metered delivery	370/208
28	US 7027589 B2	20060411	29	Single-ended loop test circuitry in a central office DSL modem	379/399.0 1
29	US 6647058 B1	20031111	14	Performance customization system and process for optimizing XDSL performance	375/222
30	US 6628754 B1	20030930	22	Method for rapid noise reduction from an asymmetric digital subscriber line modem	379/1.03
31	US 6549520 B1	20030415	23	Method and apparatus for varying power levels in a multicarrier modem	370/242

	Current XRef	Inventor
27	370/463; 370/465; 375/142; 375/222; 375/254; 375/285	De Francesco; Richard et al.
28	379/26.01; 379/26.02; 379/27.01; 379/27.06; 379/29.01; 379/345; 379/399.0 2; 379/402	Shi; Hao et al.
29	375/225; 375/227	Bremer; Gordon et al.
30	370/252; 370/286; 370/493; 379/22.02; 379/24; 379/32.04	Murphy; Tim et al.
31	370/252; 370/271; 370/295; 370/437; 370/485	Gross; Richard W. et al.

	Document ID	Issue Date	Pages	Title	Current OR
32	US 6477238 B1	20021105	17	Loop certification and measurement for ADSL	379/22.04
33	US 6445730 B1	20020903	10	Multicarrier transmission system with low power sleep mode and rapid-on capability	375/219
34	US 6389062 B1	20020514	19	Adaptive frequency domain equalizer circuits, systems, and methods for discrete multitone based digital subscriber line modem	375/222
35	US 6385203 B2	20020507	39	Communication server apparatus and method	370/401
36	US 6370188 B1	20020409	16	Phase and frequency offset compensation in a telecommunications receiver	375/222
37	US 6266348 B1	20010724	25	Splitterless multicarrier modem	370/493
38	US 6219378 B1	20010417	17	Digital subscriber line modem initialization	375/231
39	US 6215855 B1	20010410	19	Loop certification and measurement for ADSL	379/22
40	US 6178217 B1	20010123	20	Nonlinear digital communications system	375/377

	<b>Current XRef</b>	<b>Inventor</b>
<b>32</b>	370/248; 370/249; 379/1.03; 379/1.04; 379/22.02	Schneider; Allan et al.
<b>33</b>	375/220; 375/356	Greszczuk; John A. et al.
<b>34</b>	375/229	Wu; Song
<b>35</b>	370/252; 370/352; 375/220	McHale; John F. et al.
<b>36</b>	375/326; 375/327	Wu; Song et al.
<b>37</b>	370/252; 370/286	Gross; Richard W. et al.
<b>38</b>	370/484; 375/222	Wu; Song
<b>39</b>	324/527; 379/22.02; 379/27.03	Schneider; Allan
<b>40</b>	375/E1.00 1; 380/252; 380/263	Defries; Anthony et al.